AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A method for cropping a computer generated original image on a display, comprising the steps of:

adjusting a user-selected movable boundary on said original image to define a cropped image within said boundary, said boundary defined by two or more points on said original image;

distorting said original image in regions surrounding said points by applying a lens to one or more of said regions, whereby said boundary is accurately positioned for cropping; and,

displaying a graphical user interface ("GUI") over one or more of said regions for adjusting said lens;

wherein said lens includes a focal region and a base region and said GUI includes at least one of: a slide bar icon for adjusting a magnification for said lens; a slide bar icon for adjusting a degree of scooping for said lens; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said focal region; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said base region; a move icon for adjusting a location for said lens on said boundary; a pickup icon for adjusting a location for said base region within said original image; and, a fold icon for adjusting a location for said focal region relative to said base region.

2-4. (Cancelled)

5. (Previously Presented) The method of claim 1 wherein said adjusting is performed by moving a cursor on said display with a pointing device.

6. (Original) The method of claim 5 wherein said cursor is an icon.

7. (Original) The method of claim 5 wherein said pointing device is a mouse.

8. (Original) The method of claim 1 wherein said movable boundary is a polygon.

9. (Previously Presented) A method for measuring within a computer generated original image on a display, comprising the steps of:

adjusting a user-selected movable line segment on said original image to define points on said original image for measuring between;

distorting said original image in regions surrounding said points by applying a lens to one or more of said regions, whereby said points are accurately positioned for measuring; and,

displaying a graphical user interface ("GUI") over one or more of said regions for adjusting said lens;

wherein said lens includes a focal region and a base region and said GUI includes at least one of: a slide bar icon for adjusting a magnification for said lens; a slide bar icon for adjusting a degree of scooping for said lens; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said focal region; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said base region; a move icon for adjusting a location for said lens on said boundary; a pickup icon for adjusting a location for said base region within said original image; and, a fold icon for adjusting a location for said focal region relative to said base region.

10-12. (Cancelled)

13. (Previously Presented) The method of claim 9 wherein said adjusting is performed by moving a cursor on said display with a pointing device.

14. (Original) The method of claim 13 wherein said cursor is an icon.

15. (Original) The method of claim 13 wherein said pointing device is a mouse.

16. (Original) The method of claim 9 wherein said line segment is a straight line.

17. (Original) The method of claim 1 wherein said original image has one or more layers.

18. (Original) The method of claim 17 wherein said regions have a predetermined selection of said layers.

19. (Original) The method of claim 17 wherein said cropped image has a predetermined selection of said layers.

20. (Previously Presented) A method for cropping a computer generated original image on a display, comprising:

adjusting a user-selected movable boundary on said original image to define a cropped image within said boundary, said boundary defined by two or more points on said original image; and,

distorting said original image in respective regions surrounding said points to produce a distorted image by displacing said original image onto a lens for each region and perspectively projecting said displacing onto a plane in a direction aligned with a viewpoint for said region, whereby said boundary is accurately positioned for cropping.

21. (Currently Amended) The method of claim 20 wherein said distorting further includes displaying said boundary over said distorted image on said display ~~screen~~ .

22. (Previously Presented) The method of claim 21 and further comprising displaying a graphical user interface ("GUI") over one or more of said regions for adjusting said lens.

23. (Previously Presented) The method of claim 22 wherein said lens includes a focal region for one of said points at least partially surrounded by a base region, said lens having a magnification, said magnification being uniform in said focal region and varying in said base region such that said lens is continuous from regions outside said lens through said base region to said focal region, and said GUI includes at least one of: a slide bar icon for adjusting said magnification for said lens; a slide

bar icon for adjusting a degree of scooping for said lens; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said focal region; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said base region; a move icon for adjusting a location for said lens on said boundary; a pickup icon for adjusting a location for said base region within said original image; and, a fold icon for adjusting a location for said focal region relative to said base region.

24. (Previously Presented) A method for measuring within a computer generated original image on a display, comprising:

adjusting a user-selected movable line segment on said original image to define points on said original image for measuring between; and,

distorting said original image in respective regions surrounding said points to produce a distorted image by displacing said original image onto a lens for each region and perspectively projecting said displacing onto a plane in a direction aligned with a viewpoint for said region, whereby said points are accurately positioned for measuring.

25. (Currently Amended) The method of claim 24 wherein said distorting further includes displaying said line segment over said distorted image on said display ~~screen~~ .

26. (Previously Presented) The method of claim 25 and further comprising displaying a graphical user interface ("GUI") over one or more of said regions for adjusting said lens.

27. (Previously Presented) The method of claim 26 wherein said lens includes a focal region for one of said points at least partially surrounded by a base region, said lens having a magnification, said magnification being uniform in said focal region and varying in said base region such that said lens is continuous from regions outside said lens through said base region to said focal region, and said GUI includes at least one of: a slide bar icon for adjusting said magnification for said lens; a slide bar icon for adjusting a degree of scooping for said lens; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said focal region; a bounding rectangle icon with at least one handle icon for adjusting a size and a shape for said base region; a move icon for adjusting a location for said lens on said boundary; a pickup icon for adjusting a location for said base region

within said original image; and, a fold icon for adjusting a location for said focal region relative to said base region.